Brain Research, 550 (1991) 358–360
Elsevier

Author Index

Ågmo A. and Gómez, M., Conditioned place preference produced by infusion of Met-enkephalin into the medial preoptic area, 343
Alterman, R.L., Morrison, R.S., Goodrich, J.T., Papenhausen, P. and Moskal, J.R., A primary encephalocele culture yields a pure population of human astrocytes, 319
Ashby Jr., C.R., Minabe, Y., Edwards, E. and Wang, R.Y., 5-HT_3-like receptors in the rat medial prefrontal cortex: an electrophysiological study, 181

Baertschi, A.J., see King, M.S., 268
Baker, J., see Powell, K., 137
Bal, A. and Bird, M.M., Changes in filipin-sterol binding in the rat cingulate cortex after the administration of antidepressant drugs. A freeze-fracture study., 147
Baldwin, B.A., see Kendrick, K.M., 165
Barnéoud, P., see Neveu, P.J., 125
Beer, B., see Rada, P., 287
Belknap, J.K., see Crabbe, J.C., 1
Betancur, C., see Neveu, P.J., 125
Betz, A.L., see Sztriha, L., 257
Bird, M.M., see Bal, A., 147
Blume, A.J., see Rada, P., 287
Bouma, G., see Joëls, M., 347
Bruch, R.C. and McMillan Carr, V., Rat olfactory neurons express a 200 kDa neurofilament, 133

Cadet, J.L., see Przedborski, S., 231
Carlson, J.N. and Glick, S.D., Brain laterality as a determinant of susceptibility to depression in an animal model, 324
Carlson, J.N., Fitzgerald, L.W., Keller Jr., R.W. and Glick, S.D., Side and region dependent changes in dopamine activation with various durations of restraint stress, 313
Cechetto, D.F., see Oppenheimer, S.M., 115
Cerruti, C., see Marlier, L., 15
Chan, J., see Velley, L., 298
Clement, M.E. and McCall, R.B., Effects of clonidine on sympathoexcitatory neurons in the rostral ventrolateral medulla, 353
Correze, J., see Roucher, P., 54
Crabbe, J.C., Merrill, C.D. and Belknap, J.K., Effects of convulsants on handling-induced convulsions in mice selected for ethanol withdrawal severity, 1

De Blas, A.L., see Park, D., 279
Dollison, A., see Przedborski, S., 231

Edwards, E., see Ashby Jr., C.R., 181
Eide, P.K. and Hole, K., Interactions between serotonin and substance P in the spinal regulation of nociception, 225
Elde, R.P., see Stevens, C.W., 77
Ewald, S.J., see Wooten, M.W., 333

Fahn, S., see Przedborski, S., 231
Ferguson, J.L., see Mickley, G.A., 24
Figlewicz, D.P. and Szot, P., Insulin stimulates membrane phospholipid metabolism by enhancing endogenous α_1-adrenergic activity in the rat hippocampus, 101
Fitzgerald, L.W., see Carlson, J.N., 313

Gash, D.M., see Herman, J.P., 291
Gash, D.M., see Przedborski, S., 231
Gebhart, G., see Zhuo, M., 35
Gelowitz, D.L., see Kirkby, R.D., 161
Gibbs, J., see Schneider, L.H., 122
Gilad, G.M., see Jaskiw, G.E., 7
Giza, B.K. and Scott, T.R., The effect of amiloride on taste-evoked activity in the nucleus tractus solitarius of the rat, 247
Glick, S.D., see Carlson, J.N., 313
Glick, S.D., see Carlson, J.N., 324
Gómez, M., see Ågmo A., 343
Goodrich, J.T., see Alterman, R.L., 319
Guiraudon, C., see Oppenheimer, S.M., 115

Hamprecht, B., see Wiesinger, H., 69
Hazrati, L.-N. and Parent, A., Projection from the external pallidum to the reticular thalamic nucleus in the squirrel monkey, 142
Herman, J.P., Thomas, G.J., Wiegand, S.J. and Gash, D.M., Lesions of parvocellular subdivisions of the hypothalamic paraventricular nucleus alter open field behavior and acquisition of sensory and spatial discrimination, 291
Hesen, W., see Joëls, M., 347
Hill, J.M. and Kaufman, M.P., Intrathecal serotonin attenuates the pressor response to static contraction, 157
Hinton, M.R., see Kendrick, K.M., 165
Hirsch, M.D. and Millington, W.R., Endoproteolytic conversion of β-endorphin-1–31 to β-endorphin-1–27 potentiates its central cardioregulatory activity, 61
Hoebel, B.G., see Rada, P., 287
Hoffman, D.C., West, T.E. and Wise, R.A., Ventral pallidal microinjections of receptor-selective opioid agonists produce differential effects on circling and locomotor activity in rats, 205
Hole, K., see Eide, P.K., 225
Holtzman, S.G., see Mumford, G.K., 172
Hutchison, R.E., see Hutchison, J.B., 95
Hutchison, J.B., Steimer, T. and Hutchison, R., Area-specific hormonal regulation of brain aromatase, 95

Imaizumi, K., see Iwata, H., 329
Ishida, M., Ohfune, Y., Shimada, Y., Shimamoto, K. and Shinozaki, H., Changes in preference for receptor subtypes of configurational variants of a glutamate analog: conversion from the NMDA-type to the non-NMDA type, 152
Ishikawa, E., see Ohgo, S., 213
Iwata, H., Matsuyama, A., Okumura, N., Yoshida, S., Lee, Y., Imaizumi, K. and Shiosaka, S., Localization of basic FGF-like immunoreactivity in the hypothalamo-hypophyseal neuroendocrine axis, 329

Jackson-Lewis, V., see Przedborski, S., 231
Jacobs, B.L., see Ribeiro-do-Valle, L., 197
Jaskiw, G.E., Tizabi, Y., Lipska, B.K., Kolachana, B.S., Wyatt, R.J. and Gilad, G.M., Evidence for a frontocortical–septal glutamatergic pathway and compensatory changes in septal glutamate uptake after cortical and fornix lesions in the rat, 7
Joëls, M., Bouma, G., Hesen, W. and Zegers, Y., Increased effect of noradrenaline on synaptic responses in rat CA1 hippocampal area after adrenalectomy, 347

Kanje, M., Survival and regeneration of the adult rat vagus nerve in culture, 340
Kaufman, M.P., see Hill, J.M., 157
Keller Jr., R.W., see Carlson, J.N., 313
Kendrick, K.M., Hinton, M.R. and Baldwin, B.A., GABA release in the zona incerta of the sheep in response to the sight and ingestion of food and salt, 165
King, M.S. and Baertschi, A.J., Central neural pathway mediating splanchnic osmosensation, 268
Kirkby, R.D., Gelowitz, D.L. and Kokkinidis, L., The effects of amphetamine preexposure on electrical

Brain Research, 550 (1991) 358–360
Elsevier

Author Index

Ågmo A. and Gómez, M., Conditioned place preference produced by infusion of Met-enkephalin into the medial preoptic area, 343
Alterman, R.L., Morrison, R.S., Goodrich, J.T., Papenhausen, P. and Moskal, J.R., A primary encephalocele culture yields a pure population of human astrocytes, 319
Ashby Jr., C.R., Minabe, Y., Edwards, E. and Wang, R.Y., 5-HT_3-like receptors in the rat medial prefrontal cortex: an electrophysiological study, 181

Baertschi, A.J., see King, M.S., 268
Baker, J., see Powell, K., 137
Bal, A. and Bird, M.M., Changes in filipin-sterol binding in the rat cingulate cortex after the administration of antidepressant drugs. A freeze-fracture study., 147
Baldwin, B.A., see Kendrick, K.M., 165
Barnéoud, P., see Neveu, P.J., 125
Beer, B., see Rada, P., 287
Belknap, J.K., see Crabbe, J.C., 1
Betancur, C., see Neveu, P.J., 125
Betz, A.L., see Sztriha, L., 257
Bird, M.M., see Bal, A., 147
Blume, A.J., see Rada, P., 287
Bouma, G., see Joëls, M., 347
Bruch, R.C. and McMillan Carr, V., Rat olfactory neurons express a 200 kDa neurofilament, 133

Cadet, J.L., see Przedborski, S., 231
Carlson, J.N. and Glick, S.D., Brain laterality as a determinant of susceptibility to depression in an animal model, 324
Carlson, J.N., Fitzgerald, L.W., Keller Jr., R.W. and Glick, S.D., Side and region dependent changes in dopamine activation with various durations of restraint stress, 313
Cechetto, D.F., see Oppenheimer, S.M., 115
Cerruti, C., see Marlier, L., 15
Chan, J., see Velley, L., 298
Clement, M.E. and McCall, R.B., Effects of clonidine on sympathoexcitatory neurons in the rostral ventrolateral medulla, 353
Correze, J., see Roucher, P., 54
Crabbe, J.C., Merrill, C.D. and Belknap, J.K., Effects of convulsants on handling-induced convulsions in mice selected for ethanol withdrawal severity, 1

De Blas, A.L., see Park, D., 279
Dollison, A., see Przedborski, S., 231

Edwards, E., see Ashby Jr., C.R., 181
Eide, P.K. and Hole, K., Interactions between serotonin and substance P in the spinal regulation of nociception, 225
Elde, R.P., see Stevens, C.W., 77
Ewald, S.J., see Wooten, M.W., 333

Fahn, S., see Przedborski, S., 231
Ferguson, J.L., see Mickley, G.A., 24
Figlewicz, D.P. and Szot, P., Insulin stimulates membrane phospholipid metabolism by enhancing endogenous α_1-adrenergic activity in the rat hippocampus, 101
Fitzgerald, L.W., see Carlson, J.N., 313

Gash, D.M., see Herman, J.P., 291
Gash, D.M., see Przedborski, S., 231
Gebhart, G., see Zhuo, M., 35
Gelowitz, D.L., see Kirkby, R.D., 161
Gibbs, J., see Schneider, L.H., 122
Gilad, G.M., see Jaskiw, G.E., 7
Giza, B.K. and Scott, T.R., The effect of amiloride on taste-evoked activity in the nucleus tractus solitarius of the rat, 247
Glick, S.D., see Carlson, J.N., 313
Glick, S.D., see Carlson, J.N., 324
Gómez, M., see Ågmo A., 343
Goodrich, J.T., see Alterman, R.L., 319
Guiraudon, C., see Oppenheimer, S.M., 115

Hamprecht, B., see Wiesinger, H., 69
Hazrati, L.-N. and Parent, A., Projection from the external pallidum to the reticular thalamic nucleus in the squirrel monkey, 142
Herman, J.P., Thomas, G.J., Wiegand, S.J. and Gash, D.M., Lesions of parvocellular subdivisions of the hypothalamic paraventricular nucleus alter open field behavior and acquisition of sensory and spatial discrimination, 291
Hesen, W., see Joëls, M., 347
Hill, J.M. and Kaufman, M.P., Intrathecal serotonin attenuates the pressor response to static contraction, 157
Hinton, M.R., see Kendrick, K.M., 165
Hirsch, M.D. and Millington, W.R., Endoproteolytic conversion of β-endorphin-1–31 to β-endorphin-1–27 potentiates its central cardioregulatory activity, 61
Hoebel, B.G., see Rada, P., 287
Hoffman, D.C., West, T.E. and Wise, R.A., Ventral pallidal microinjections of receptor-selective opioid agonists produce differential effects on circling and locomotor activity in rats, 205
Hole, K., see Eide, P.K., 225
Holtzman, S.G., see Mumford, G.K., 172
Hutchison, R.E., see Hutchison, J.B., 95
Hutchison, J.B., Steimer, T. and Hutchison, R., Area-specific hormonal regulation of brain aromatase, 95

Imaizumi, K., see Iwata, H., 329
Ishida, M., Ohfune, Y., Shimada, Y., Shimamoto, K. and Shinozaki, H., Changes in preference for receptor subtypes of configurational variants of a glutamate analog: conversion from the NMDA-type to the non-NMDA type, 152
Ishikawa, E., see Ohgo, S., 213
Iwata, H., Matsuyama, A., Okumura, N., Yoshida, S., Lee, Y., Imaizumi, K. and Shiosaka, S., Localization of basic FGF-like immunoreactivity in the hypothalamo-hypophyseal neuroendocrine axis, 329

Jackson-Lewis, V., see Przedborski, S., 231
Jacobs, B.L., see Ribeiro-do-Valle, L., 197
Jaskiw, G.E., Tizabi, Y., Lipska, B.K., Kolachana, B.S., Wyatt, R.J. and Gilad, G.M., Evidence for a frontocortical–septal glutamatergic pathway and compensatory changes in septal glutamate uptake after cortical and fornix lesions in the rat, 7
Joëls, M., Bouma, G., Hesen, W. and Zegers, Y., Increased effect of noradrenaline on synaptic responses in rat CA1 hippocampal area after adrenalectomy, 347

Kanje, M., Survival and regeneration of the adult rat vagus nerve in culture, 340
Kaufman, M.P., see Hill, J.M., 157
Keller Jr., R.W., see Carlson, J.N., 313
Kendrick, K.M., Hinton, M.R. and Baldwin, B.A., GABA release in the zona incerta of the sheep in response to the sight and ingestion of food and salt, 165
King, M.S. and Baertschi, A.J., Central neural pathway mediating splanchnic osmosensation, 268
Kirkby, R.D., Gelowitz, D.L. and Kokkinidis, L., The effects of amphetamine preexposure on electrical

kindling of the hippocampus and related transfer phenomena, 161
Kokkinidis, L., see Kirkby, R.D., 161
Kolachana, B.S., see Jaskiw, G.E., 7
Kostic, V., see Przedborski, S., 231
Kostyuk, P.G., Martynyuk, A.E. and Pogorelaya, N.C., Effects of intracellular administration of L-tyrosine and L-phenylalanine on voltage-operated calcium conductance in PC12 pheochromocytoma cells, 11
Kruk, M.R., see Roeling, T.A.P., 220

Lacey, C.B., see Stevens, C.W., 77
Le Moal, M., see Neveu, P.J., 125
Lee, Y., see Iwata, H., 329
Levivier, M., see Przedborski, S., 231
Lhoste, J., see Roucher, P., 54
Lipska, B.K., see Jaskiw, G.E., 7
Low, P.A., see Torres, N.E., 129

Ma, R., see Zhai, J., 108
Mangano, R.M., see Rada, P., 287
Mark, G.P., see Rada, P., 287
Marlier, L., Teilhac, J.-R., Cerruti, C. and Privat, A., Autoradiographic mapping of 5-HT_1, 5-HT_{1A}, 5-HT_{1B} and 5-HT_2 receptors in the rat spinal cord, 15
Martynyuk, A.E., see Kostyuk, P.G., 11
Matsukura, S., see Ohgo, S., 213
Matsuyama, A., see Iwata, H., 329
McCall, R.B., see Clement, M.E., 353
McMillan Carr, V., see Bruch, R.C., 133
Meelis, W., see Roeling, T.A.P., 220
Meric, P., see Roucher, P., 54
Merrill, C.D., see Crabbe, J.C., 1
Metzler, C., see Ribeiro-do-Valle, L.E., 197
Mickley, G.A., Ferguson, J.L., Mulvihill, M.A. and Nemeth, T.J., Early neural grafts transiently reduce the behavioral effects of radiation-induced fascia dentata granule cell hypoplasia, 24
Miller, K.E., see Stevens, C.W., 77
Millington, W.R., see Hirsch, M.D., 61
Milner, T.A., see Velley, L., 298
Minabe, Y., see Ashby Jr., C.R., 181
Mispelter, J., see Roucher, P., 54
Mistry, A.M., Vidal, G. and Voogt, J.L., Dopaminergic and serotonergic activity in the hypothalamus during early and late pregnancy, 239
Morrison, R.S., see Alterman, R.L., 319
Morrison, S.F., see Velley, L., 298
Moskal, J.R., see Alterman, R.L., 319
Mulvihill, M.A., see Mickley, G.A., 24
Mumford, G.K. and Holtzman, S.G., Do adenosinergic substrates mediate methylxanthine effects upon reinforcement thresholds for electrical brain stimulation in the rat?, 172

Nakatsuru, K., see Ohgo, S., 213
Nemeth, T.J., see Mickley, G.A., 24
Neveu, P.J., Betancur, C., Barnéoud, P., Vitiello, S. and Le Moal, M., Functional brain asymmetry and lymphocyte proliferation in female mice: effects of right and left cortical ablation, 125

Ohfune, Y., see Ishida, M., 152
Ohgo, S., Nakatsuru, K., Oki, Y., Ishikawa, E. and Matsukura, S., Stimulation by interleukin-1 (IL-1) of the release of rat corticotropin-releasing factor (CRF), which is independent of the cholinergic mechanism, from superfused rat hypothalamo-neurohypophysial complexes, 213
Oki, Y., see Ohgo, S., 213
Okumura, N., see Iwata, H., 329
Oppenheimer, S.M., Wilson, J.X., Guiraudon, C. and Cechetto, D.F., Insular cortex stimulation produces lethal cardiac arrhythmias: a mechanism of sudden death?, 115

Papenhausen, P., see Alterman, R.L., 319
Parent, A., see Hazrati, L.-N., 142
Park, D. and De Blas, A.L., Peptide heterogeneity of $GABA_A$/benzodiazepine receptors in bovine cerebral cortex and cerebellum, 279
Pascoe, W.S., Smythe, G.A. and Storlien, L.H., Enhanced responses to stress induced by fat-feeding in rats: relationship between hypothalamic noradrenaline and blood glucose, 192
Peterson, B., see Powell, K., 137
Pickel, V.M., see Velley, L., 298
Pogorelaya, N.C., see Kostyuk, P.G., 11
Pool, C.W., see Van Zwieten, E.J., 263
Powell, K.O., Quinn, K.J., Rude, S.A., Peterson, B.W. and Baker, J.F., Frequency dependence of cat vestibulo-ocular reflex direction adaptation: single frequency and multifrequency rotations, 137
Privat, A., see Marlier, L., 15
Przedborski, S., Levivier, M., Kostic, V., Jackson-Lewis, V., Dollison, A., Gash, D.M., Fahn, S. and Cadet, J.L., Sham transplantation protects against 6-hydroxydopamine-induced dopaminergic toxicity in rats: behavioral and morphological evidence, 231

Quinn, K.J., see Powell, K.D., 137

Rada, P., Mark, G.P., Vitek, M.P., Mangano, R.M., Blume, A.J., Beer, B. and Hoebel, B.G., Interleukin-1β decreases acetylcholine measured by microdialysis in the hippocampus of freely moving rats, 287
Ravid, R., see Van Zwieten, E., 263
Ribeiro-do-Valle, L.E., Metzler, C.W. and Jacobs, B.L., Facilitation of masseter EMG and masseteric (jaw-closure) reflex by serotonin in behaving cats, 197
Roeling, T.A.P., Van Erp, A.M.M., Meelis, W., Kruk, M.R. and Veening, J.G., Behavioural effects of NMDA injected into the hypothalamic paraventricular nucleus of the rat, 220
Roucher, P., Meric, P., Correze, J.L., Mispelter, J., Tiffon, B., Lhoste, J.M. and Seylaz, J., Metabolic effects of kynurenate during reversible forebrain ischemia studied by in vivo ^{31}P-nuclear magnetic resonance spectroscopy, 54
Rude, S., see Powell, K., 137

Schneider, L.H., Watson, C.A., Gibbs, J. and Smith, G.P., Infra-additivity of combined treatments with selective D_1 and D_2 receptor antagonists for inhibiting sucrose reinforcement, 122
Schuricht, B., see Wiesinger, H., 69
Scott, T.R., see Giza, B.K., 247
Seybold, V.S., see Stevens, C.W., 77
Seylaz, J., see Roucher, P., 54
Shimada, Y., see Ishida, M., 152
Shimamoto, K., see Ishida, M., 152
Shinozaki, H., see Ishida, M., 152
Shiosaka, S., see Iwata, H., 329
Sluiter, A.A., see Van Zwieten, E.J., 263
Smith, G.P., see Schneider, L.H., 122
Smyth, D., see Van Zwieten, E.J., 263
Smythe, G.A., see Pascoe, W.S., 192
Spekreijse, H., see Vijn, P.C.M., 49
Steimer, T., see Hutchison, J.B., 95
Stevens, C.W., Lacey, C.B., Miller, K.E., Elde, R.P. and Seybold, V.S., Biochemical characterization and regional quantification of μ, δ and κ opioid binding sites in rat spinal cord, 77
Storlien, L.H., see Pascoe, W.S., 192
Storozhuk, V.M. and Zinjuk, L.E., Influence of substantia innominata neuronal activity on neocortex neuronal reactions during conditioned reflex, 169
Struyker Boudier, H.A.J., see Verberne, A.J.M., 86
Swaab, D.F., see Van Zwieten, E.J., 263
Szot, P., see Figlewicz, D.P., 101
Sztriha, L. and Betz, A.L., Oleic acid reversibly opens the blood–brain barrier, 257

Teilhac, J.-R., see Marlier, L., 15
Thomas, G.J., see Herman, J.P., 291
Tiffon, B., see Roucher, P., 54
Tizabi, Y., see Jaskiw, G.E., 7
Torres, N.E., Zollman, P.J. and Low, P.A., Characterization of muscarinic receptor subtype of rat eccrine sweat gland by autoradiography, 129

Van der Sluis, P.J., see Van Zwieten, E.J., 263
Van Dijk, B.W., see Vijn, P.C.M., 49
Van Erp, A.M.M., see Roeling, T.A.P., 220
Van Zwieten, E.J., Ravid, R., Van der Sluis, P.J., Sluiter, A.A., Pool, C.W., Smyth, D. and Swaab, D.F., Increased vasopressin immunoreactivity in the rat brain after a postmortem interval of 6 hours, 263
Veening, J.G., see Roeling, T.A.P., 220
Velley, L., Milner, T.A., Chan, J., Morrison, S.F. and Pickel, V.M., Relationship of Met-enkephalin-like immunoreactivity to vagal afferents and motor dendrites in the nucleus of the solitary tract: a light and electron microscopic dual labeling study, 298
Verberne, A.J.M. and Struyker Boudier, H.A.J., Midbrain central grey: regional haemodynamic control and excitatory amino acidergic mechanisms, 86
Vidal, G., see Mistry, A.M., 239
Vijn, P.C., Van Dijk, B.W. and Spekreijse, H., Visual stimulation reduces EEG activity in man, 49
Vitek, M.P., see Rada, P., 287
Vitiello, S., see Neveu, P.J., 125
Voogt, J.L., see Mistry, A.M., 239

Wang, R.Y., see Ashby Jr., C.R., 181
Watson, C.A., see Schneider, L.H., 122
West, T.E.G., see Hoffman, D.C., 205
Wiegand, S.J., see Herman, J.P., 291
Wiesinger, H., Schuricht, B. and Hamprecht, B., Replacement of glucose by sorbitol in growth medium causes selection of astroglial cells from heterogeneous primary cultures derived from newborn mouse brain, 69
Wilson, J.X., see Oppenheimer, S.M., 115
Wise, R.A., see Hoffman, D.C., 205
Wooten, M.W. and Ewald, S.J., Alcohols synergize with NGF to induce early differentiation of PC12 cells, 333
Wyatt, R.J., see Jaskiw, G.E., 7

Yoshida, S., see Iwata, H., 329

Zegers, Y., see Joëls, M., 347
Zhai, J. and Ma, R., Effect of nifedipine on neurons of guinea pig celiac ganglion, 108
Zhuo, M. and Gebhart, G., Spinal serotonin receptors mediate descending facilitation of a nociceptive reflex from the nuclei reticularis gigantocellularis and gigantocellularis pars alpha in the rat, 35
Zinjuk, L.E., see Storozhuk, V.M., 169
Zollman, P.J., see Torres, N.E., 129